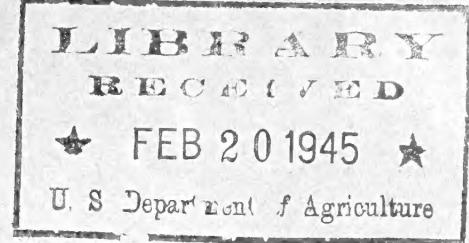


## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



62.31



# **POWELL**

## **1945 CATALOGUE**



**SEEDS**  
**BULBS**  
**PLANTS**



**POWELL SEED STORE**  
**436 South Fifth Street, Louisville 2, Kentucky**

# Lawn Grass Seed

## LOUISVILLE LAWN MIXTURE

This blend of fine-leaved grasses with White Dutch Clover is recommended for use in reseeding established lawns, patching thin spots, and for seeding newly-graded yards where a permanent stand of Kentucky Blue Grass is desired. Ready for cutting after 30 days of good weather. This seed should be broadcast evenly to avoid a patchy appearance.

**For New Lawns.** The soil should be well prepared, and Bone Meal and Sheep Manure should be well incorporated with the soil. Seed should be sown at the rate of 1 pound for every 300 square feet, selecting a time when there is no wind. After sowing, roll or rake lightly.

**For Old Lawns.** Bare spots should be vigorously roughed with a steel rake. An application of SHEEP MANURE will act as a stimulant to patches lacking plant food. Scatter the seed as evenly as possible, then rake or roll lightly.

Several sowings are better than one. Do not risk all your seed at one time. The seed may be washed away by a downpour of rain immediately after planting. A good plan is to sow a part of your seed walking East and West—the next time walk North and South, in this way assuring an even distribution. Very good success can be had from scattering seed on a soft snow. In spring it is well to rake out all dead grass before sowing.

**Use Grass Seed Generously.** Where lawns are kept in neat condition, the plants do not produce seed as Nature intended. This deficiency must be supplied by an occasional seeding.

Prices: 1 lb., 60 cents; 5 lbs., \$2.75; 10 lbs., \$5.00.

## Shade Grass Mixture

For use in courts, under trees and shady places, we have produced a mixture with shade-loving grasses which will give excellent results where other grasses fail. When the grass has become established, water generously once a week, and give an application of Sheep Manure and Bone-Meal at least twice a year.

Prices: 1 lb., 65 cents; 5 lbs., \$3.00; 10 lbs., \$5.50.

## Miscellaneous Grasses

	1 lb.	5 lbs.	10 lbs.
Red Top.....	\$0.35	\$1.60	\$3.00
Rye Grass.....	.25	1.00	1.75
White Dutch Clover..	1.00	4.75	9.00

## Kentucky Blue Grass

This seed should be used only on well-established lawns, as it does not "stool out" or produce a turf until the second year. On newly-graded soil, Blue Grass should have a nurse crop of Red Top and White Dutch Clover.

Prices: 1 lb., 55 cents; 5 lbs., \$2.50; 10 lbs., \$4.75.

All prices in this catalog are  
subject to change without  
notice

## BUY WAR BONDS

The POWELL SEED STORE gives no warranty, express or implied, as to the productiveness of any seed or bulbs it sells and will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seed.



# Vegetable Planting Table

Kind of Vegetable	Planting Time	Seeds or Roots required for 100-foot row	Depth of Planting	Ready to Use after Planting
Asparagus, roots.....	Early Spring	60 to 80 roots	3 to 5 in.	1 year
Beans, dwarf.....	Apr.-Aug.	1 lb.	1 in.	42 to 75 days
Beans, pole.....	Apr.-June	½ lb.	1 in.	72 to 90 days
Beets.....	Apr.-Aug.	1 ounce	1 in.	45 to 60 days
Brussels Sprouts.....	Apr.-June	¼ ounce	½ in.	100 to 120 days
Cabbage.....	Apr.-June	¼ ounce	½ in.	110 to 120 days
Carrot.....	Apr.-Aug.	½ ounce	½ in.	55 to 80 days
Cauliflower.....	Feb. Hotbed	¼ ounce	½ in.	95 to 110 days
Celery.....	May-June	¼ ounce	⅞ in.	120 to 150 days
Corn, sweet.....	May-Aug.	¼ lb.	1 in.	55 to 90 days
Cucumber.....	Apr.-Aug.	½ ounce	1 in.	50 to 70 days
Eggplant.....	Mar. Hotbed	⅞ ounce	½ in.	125 to 140 days
Endive.....	Mar.-Sept.	1 ounce	½ in.	100 days
Kale, or Borecole.....	Feb.-Aug.	¼ ounce	½ in.	55 to 60 days
Kohlrabi.....	Mar.-July	¼ ounce	½ in.	50 to 70 days
Lettuce.....	Mar.-Sept.	½ ounce	½ in.	70 to 90 days
Melon, muskmelon.....	Apr.-June	½ ounce	1 in.	85 to 150 days
Melon, watermelon.....	May-June	1 ounce	1 in.	100 to 130 days
Mustard.....	Mar.-Sept.	½ ounce	¼ in.	60 to 90 days
New Zealand Spinach.....	Early Spring	1 ounce	1 to 2 in.	60 to 100 days
Okra.....	May-June	2 ounces	1 in.	90 to 140 days
Onion, seed.....	Apr.-May	1 ounce	½ in.	125 to 150 days
Onion, sets.....	Mar.-May	1 qt. of sets	1 in.	100 days
Parsley.....	Apr.-Sept.	¼ ounce	⅞ in.	65 to 90 days
Parsnip.....	Apr.-May	½ ounce	½ in.	130 days
Peas.....	Mar.-June	1 lb.	1 in.	45 to 75 days
Pepper.....	Mar. Hotbed	⅞ ounce	½ in.	130 to 150 days
Potatoes, Irish.....	Mar. and Aug.	5 lbs.	4 in.	90 to 150 days
Radish.....	Mar.-Sept.	1 ounce	½ in.	20 to 75 days
Rhubarb, roots.....	Early Spring	33 roots	2 to 3 in.	1 year
Salsify.....	Early Spring	1 ounce	½ in.	150 days
Spinach.....	Apr. and Sept.	1 ounce	1 in.	45 days
Squash.....	Apr.-June	½ ounce	1 in.	70 days
Tomato.....	May-June	⅞ ounce	½ in.	125 to 150 days
Turnip.....	Apr.-Aug.	½ ounce	¼ in.	45 to 90 days

WE PAY POSTAGE ONLY on packets, ounces and quarter-pounds of vegetable and flower seeds at catalog prices. For larger quantities add postage, if ordered by Parcel Post.

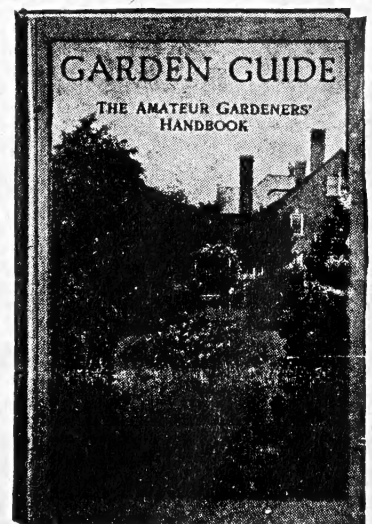
Prices in this catalog, except as noted above, are F. O. B. Louisville, Ky.

## "THE GARDEN GUIDE"

Planning Home Grounds, Lawns, Hillside, Terraces, Slopes, Foundations, Rose Gardens, Rock Gardens, Water Gardens, Wild Gardens, Trees, Shrubs, Hardy Perennials, Annuals, Biennials, Garden Favorites, Bulbs and Tuberous-rooted Plants, Cacti Succulents, Plants which yield Honey for Bees, Porch and Window Boxes, Vegetables, Fruits, Herbs, Winter Fruits and Vegetables, Summer Vacation Gardening, Manures, Fertilizers, Pruning, Propagation, Transplanting, Winter Protection, Insect Pests, Diseases, Weeds, Greenhouses, Garden Frames, Tools. Especially written for the amateur. Has some information on every phase of gardening on the average-sized place. Cloth, \$2.00.

## 1001 Garden Questions Answered

A veritable encyclopedia for the amateur with an average-sized place, as it gives information on every phase of gardening, as well as pointers on house plants. Cloth, \$2.00.



576 Pages—300 Illustrations  
Each subject covered by an expert

# Vegetable Seeds

## Asparagus Roots

Mary Washington. A heavy yielder of long, straight shoots of dark green color. Practically free from rust. 2-year roots, 25 for \$1.00; 50 for \$1.75; 100 for \$3.25.

## Dwarf or Bush Green-Podded Beans

	Pkt.	½ lb.	1 lb.	2 lbs.
Bountiful .....	\$0.10	\$0.25	\$0.45	\$0.85
Burpee's Stringless G. P. ....	.10	.30	.50	.95
Full Measure .....	.10	.25	.45	.85
Giant Stringless Green Pod .....	.10	.30	.50	.95
Streamliner .....	.10	.30	.50	.95
Stringless Red Valentine .....	.10	.25	.45	.85
Tendergreen .....	.10	.30	.50	.90
Tennessee Green Pod .....	.10	.25	.45	.85

## Wax Podded Bush Beans

	Pkt.	½ lb.	1 lb.
Brittle Wax .....	\$0.10	\$0.30	\$0.50
Kidney Wax .....	.10	.30	.50
Pencil Pod Black Wax .....	.10	.30	.50

## Bush Shell Beans

	Pkt.	½ lb.	1 lb.	2 lbs.
Dwarf Horticultural .....	\$0.10	\$0.25	\$0.40	\$0.75
Great Northern .....	.10	.20	.35	.65
Red Kidney .....	.10	.25	.45	.85
White Navy .....	.10	.20	.35	.65

## Pole Beans

	Pkt.	½ lb.	1 lb.	2 lbs.
Decatur .....	\$0.15	\$0.30	\$0.50	\$ .
Kentucky Wonder .....	.10	.25	.45	.85
Golden Cluster Wax .....	.15	.30	.....	.....
Horticultural or Wren's Egg .....	.10	.25	.45	.....
Potomac .....	.15	.30	.50	.95
Red Speckled Cut Short .....	.10	.25	.45	.90

## Bush Lima Beans

	Pkt.	½ lb.	1 lb.	2 lbs.
Burpee's Improved Bush .....	\$0.10	\$0.30	\$0.50	\$0.95
Cangreen .....	.15	.30	.....	.....
Fordhook Bush .....	.10	.30	.50	.95
Wood's Prolific or Henderson Bush .....	.10	.25	.45	.85

## Pole Lima Beans

	Pkt.	½ lb.	1 lb.	2 lbs.
Carolina or Sieva .....	\$0.10	\$0.25	\$0.45	\$0.85
Florida Speckled .....	.10	.25	.45	.85
Giant Podded .....	.10	.30	.50	.95
King of Garden .....	.10	.30	.50	.95

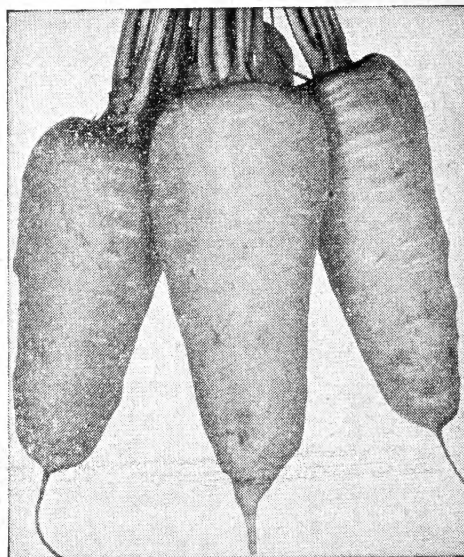
## Edible Soy Beans

	Pkt.	½ lb.	1 lb.
Bansei .....	\$0.10	\$0.25	\$0.45

Garden Beans, Peas, Sweet

Peas and Lupines

Enough for 6 lbs., 10c.



Danvers Half Long Carrot

## Beets

	Pkt.	oz.	¼ lb.
Burpee's Improved Blood .....	\$0.10	\$0.20	\$0.70
Burpee's Red Ball .....	.10	.25	.75
Crosby's Egyptian .....	.10	.20	.65
Detroit Dark Red .....	.10	.25	.80

## Broccoli

	Pkt.	oz.
Italian Calabrese .....	\$0.15	\$0.50

## Brussels Sprouts

	Pkt.
Long Island Improved .....	\$0.10

## Cabbage

	Pkt.	½ oz.
Charleston Wakefield .....	\$0.10	\$0.30
Copenhagen Market .....	.15	.35
Early Flat Dutch .....	.10	.30
Early Jersey Wakefield .....	.10	.20
Golden Acre .....	.15	.35
Premium Flat Dutch .....	.10	.25
Savoy Perfection Drumhead .....	.10	.30

## Chinese or Celery Cabbage

	Pkt.	oz.
Chihli .....	\$0.10	\$0.35
Pe-Tsai .....	.10	.35
Wong Bok .....	.10	.35

## Carrots

	Pkt.	oz.	¼ lb.
Chantenay or Model .....	\$0.10	\$0.30	\$1.00
Danvers Half Long .....	.10	.30	1.00
Nantes Half Long .....	.15	.35	1.10
Oxheart or Guerande .....	.10	.30	1.00
Tendersweet .....	.15	.35	1.10

## Cauliflower

	Pkt.	¼ oz.
Early Snowball .....	\$0.15	\$1.00



## Celery

	Pkt.	½ oz.
Fordhook .....	\$0.15	\$0.75
Giant Pascal .....	.15	.50
Golden Self-blanching .....	.15	.60

## Celtuce

	Pkt.	¼ oz.
Burpee's Celtuce .....	\$0.15	\$0.35

## Chicory

	Pkt.	oz.
Witloff (French Endive) .....	\$0.10	\$0.65

## Collards

	Pkt.	oz.
Georgia .....	\$0.10	\$0.20

## Corn

	Pkt.	½ lb.	1 lb.	2 lbs.
Early Adams .....	\$0.10	\$0.20	\$0.30	\$0.50
Early Northern Field .....	.10	.15	.25	.40
Black Mexican .....	.10	.25	.45	.85
Country Gentleman .....	.10	.25	.45	.85
Golden Bantam .....	.10	.25	.45	.85
Golden Cross Bantam (Hybrid) .....	.15	.40	.70	1.30
Hickory King .....	.10	.20	.30	.50
Howling Mob .....	.10	.25	.45	.85
Stowell's Evergreen .....	.10	.25	.45	.85
Stowell's Evergreen Hybrid .....	.15	.40	.70	1.35

## Pop Corn

	Pkt.	½ lb.	1 lb.
Golden Queen .....	\$0.10	\$0.25	\$0.40
White Rice .....	.10	.25	.40

## Cucumbers

	Pkt.	oz.	¼ lb.
Extra-early Green Prolific .....	\$0.10	\$0.20	\$0.65
Extra Early White Spine .....	.10	.25	.80
Davis Perfect .....	.10	.25	.80
Early Fortune .....	.10	.35	.95
Fordhook Famous .....	.15		
London Long Green .....	.10	.30	1.00
West India Gherkin .....	.10	.25	.80

## Egg Plant

	Pkt.	½ oz.	oz.
Black Beauty .....	\$0.15	\$0.50	\$0.90

## Endive

	Pkt.	oz.	¼ lb.
Green Curled .....	\$0.10	\$0.25	\$0.80

## Herbs

	Pkt.
Caraway .....	\$0.15
Chives .....	.15
Coriander .....	.15
Sage .....	.15
Sweet Basil .....	.15
Sweet Thyme .....	.20

## Kale

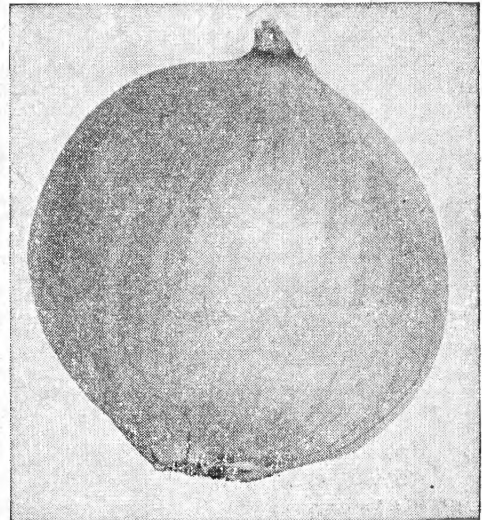
	Pkt.	oz.	¼ lb.
Blue Curled Scotch .....	\$0.10	\$0.25	\$0.80
Dwarf Siberian .....	.10	.20	.50
Spring Or Smooth .....	.05	.10	.35

## Kohl-rabi

	Pkt.	½ oz.	oz.
Early White Vienna .....	\$0.15	\$0.45	\$0.80

## Leek

	Pkt.	½ oz.	oz.
Broad London .....	\$0.15	\$0.55	\$0.90



Southport Yellow Globe Onion

## Lettuce

	Pkt.	oz.	¼ lb.
Bibb .....	\$0.15	\$0.40	
Big Boston .....	.10	.25	\$0.75
Black Seeded Simpson .....	.10	.25	.75
Cos-Paris White .....	.10		
Early Curled Simpson .....	.10	.25	.75
Grand Rapids .....	.10	.20	.70
Iceberg .....	.10	.30	.75
Imperial 44 .....	.15		
Oak Leaf .....	.15	.60	

## Muskmelon or Cantaloupe

	Pkt.	oz.	¼ lb.
Burpee's Fordhook .....	\$0.15	\$0.50	\$1.40
Hale's Best .....	.10	.30	.80
Rocky Ford or Netted Gem .....	.10	.30	.75
Tip Top .....	.10	.30	.80

## Mustard

	Pkt.	oz.	¼ lb.
Fordhook Fancy .....	\$0.10	\$0.20	\$0.65
Southern Giant Curled .....	.10	.20	.50
Spinach Mustard .....	.10	.20	.65

## Okra

	Pkt.	oz.	¼ lb.
Dwarf Prolific .....	\$0.10	\$0.20	\$0.35
Perkins Long Pod .....	.10	.15	.35
White Velvet .....	.10	.20	.35

## Onions

	Pkt.	oz.
Southport White Globe .....	\$0.15	
Southport Yellow Globe .....	.10	\$0.75
Yellow Giant Prizetaker .....	.15	.95
White Queen .....	.15	

**Parsnip**

	Pkt.	oz.	¼ lb.
Guernsey .....	\$0.10	\$0.20	\$0.65
Long Smooth Hollow Crown .....	.10	.20	.65

**Parsley**

	Pkt.	oz.	¼ lb.
Extra Curled Dwarf .....	\$0.10	\$0.20	\$0.65
Plain or Single .....	.10	.20	.65

**Peas**

	Pkt.	½ lb.	1 lb.	2 lbs.
Alaska or Earliest of All .....	\$0.10	\$0.25	\$0.40	\$0.70
Blue Bantam .....	.10	.30	.50	.90
Gradus .....	.10	.30	.50	.90
Laxtonian .....	.10	.30	.50	.95
Laxton's Progress .....	.10	.30	.50	.90
Telephone .....	.10	.25	.45	.80

**Peanuts**

	Pkt.	½ lb.	1 lb.
Jumbo Virginia .....	\$0.15	\$0.40	\$0.70

**Peppers**

	Pkt.	½ oz.	oz.
California Wonder .....	\$0.15	\$0.50	\$0.80
Chinese Giant .....	.10	.40	.75
Long Red Cayenne .....	.10	.45	.70
Ruby King .....	.10	.45	.80
Sweet Meat Glory .....	.10	.45	.80

**Pumpkins**

	Pkt.	oz.	¼ lb.
Green Striped Cushaw .....	\$0.10	\$0.20	\$0.60
Small Sugar .....	.10	.15	.50
Kentucky Field .....	.10	.15	.45

**Radishes**

	Pkt.	oz.	¼ lb.
Early Long Scarlet .....	\$0.10	\$0.20	\$0.50
French Breakfast .....	.10	.20	.50
Scarlet Globe .....	.10	.20	.50
Sparkler .....	.10	.20	.50
White Icicle .....	.10	.20	.50
White Strassburg .....	.10	.20	.50
Chinese Rose (Winter Radish) .....	.10	.20	.50
Long Black Spanish (Winter Radish) .....	.10	.20	.50

**Salsify or Oyster Plant**

	Pkt.	oz.	¼ lb.
Mammoth Sandwich Island .....	\$0.10	\$0.60	\$

**Damping Off of Seedlings**

Seed planted in boxes and frames are subject to a fungus disease known as "damping off." The seedlings fall over as though pinched at the base of the stem. There is no cure for the plants affected.

To prevent damping off:

- Avoid sowing seed too thickly.
- Water seed pans from below.
- Never water in late afternoon.
- Give plenty of air and sunshine.
- Use SEMESAN as directed by the manufacturers.

**Spinach**

	Pkt.	oz.	¼ lb.
Bloodsdales Long Standing .....	\$0.10	\$0.25	\$0.75
New Zealand .....	.10	.35	1.25
Victoria .....	.10	.25	.75

**Squash**

	Pkt.	oz.	¼ lb.
Acorn or Table Queen .....	\$0.10	\$0.25	\$0.85
Cocozelle Bush .....	.10	.25	.75
Early White Bush .....	.10	.30	.90
Golden Summer Crookneck .....	.10	.20	.70
Straightneck Summer .....	.10	.30	.90
True Hubbard .....	.10	.35	.95
Zucchini Bush .....	.10	.40	1.10

**Swiss Chard**

	Pkt.	oz.	¼ lb.
Burpee's Rhubarb .....	\$0.15		
Lucullus .....	.10	\$0.20	\$0.70

**Tomatoes**

	Pkt.	½ oz.	oz.
Bonny Best .....	\$0.10	\$0.40	\$0.70
Break O'Day (Wilt Resistant) .....	.10	.45	.80
Golden Queen .....	.10	.60	1.00
John Baer .....	.10	.40	.70
Jubilee .....	.15	1.00	
Marglobe (Wilt Resistant) .....	.10	.40	.60
Oxheart .....	.15	.70	
Pan American .....	.15		
Ponderosa .....	.15	.50	.90
Pritchard (Wilt Resistant) .....	.10	.35	.65
Red Cherry .....	.10	.50	
Rutgers (Wilt Resistant) .....	.10	.35	.65
Stone Improved .....	.10	.35	.65
Sunnybrook Earliana .....	.10	.40	.75
Table Talk .....	.15		
Yellow Pear .....	.10	.40	
WINSALL .....	.25	2.00	3.50

**Turnips**

	Pkt.	oz.	¼ lb.
Early Purple-top Milan .....	\$0.10	\$0.15	\$0.40
Purple Top Strap Leaf .....	.10	.15	.40
Purple Top White Globe .....	.10	.15	.40
Seven Top .....	.10	.15	.30
Purple Top Yellow (Swede Turnip or Rutabagas) .....	.10	.15	

**Watermelon**

	Pkt.	oz.	¼ lb.
Halbert Honey .....	\$0.10	\$0.20	\$0.60
Kleckley Sweets Improved .....	.10	.20	.60
Tom Watson .....	.10	.20	.60



**PLANTABBS.** Odorless plant food tablets for use on house plants, shrubs, trees, and gardens. 36 tablets, 25c; 90 tablets, 50c; 240 tablets, \$1.00.



# Garden Supplies

**Grafting Wax.** ¼ lb., 25c; ½ lb., 40c; 1 lb., 60c.

**Garden Twine.** Two-ply soft jute. ½-lb. balls, 40c.

**Raffia.** This grass, being tough and pliable, is largely used for tying plants. Natural color. ½ lb., 45c; 1 lb., 85c.

**STAKES** Doz. 100

**Bamboo.** Dyed Green. 4-ft.....\$0.40 \$2.50

**Bamboo.** Natural. 6-ft..... .45 2.75

**Cypress.** Natural. 4-ft. 1 in. x 1 in..... 1.00

**Cypress.** Natural. 5-ft., 1 in. x 1 in..... 1.20

**Cypress.** Natural, 6-ft., 1 in. x 1 in..... 1.40

**Erosionet.** Made of strong open mesh fabric; will hold your seed and sod firmly in place. Width 45 in. Price per yard, 12½c.

## Labels

**Garden Labels** 100 1,000

8-in. x ⅞. Painted wood.....\$1.00 \$8.00

### Pot Labels

4-in. Plain..... .40 2.75

6-in. Plain..... .50 3.25

12-in. Painted..... 1.10 9.50

### Tree Labels

Plain wired..... .45 3.25

Painted wired..... .55 3.75

**Label Pencil (Rainproof).** 15c each.



**Germico  
Hotkaps**

**Hotkaps.** Home Garden set of 25 with setter. 50c.

## Neponset Paper Flower Pots (Red)



	Doz.	100
2-in. ....	\$0.12	\$0.60
2½-in. ....	.15	.80
3-in. ....	.20	1.10
3½-in. ....	.25	1.25
4-in. ....	.30	1.45
5-in. ....	.35	1.95

## 'TWIST-EMS'

**THE NEW HANDY  
PLANT-TIE**

Quick, permanent, attractive, convenient. Green. Bundle of 250, 7-in. size, 50c; 16-in. size, \$1.00.



## Sudbury Soil-testing Kits

This simple, practical, easy-to-use kit is your best insurance of gardening success.

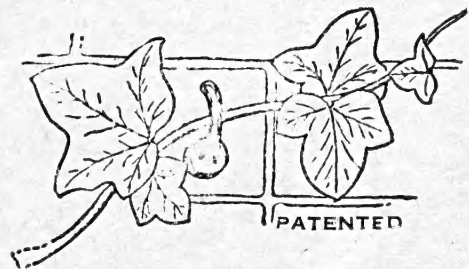
**Soil Test Acid—Alkaline Kit.** \$1.00

**Home Gardener's Soil Test Kit.** Makes 20 tests for nitrogen, phosphorus, potash and acidity. \$2.00.

**New Club Model.** Makes 50 individual tests for nitrogen, phosphorus, potash and acidity. \$4.75.

## Soil Soakers

For deep soaking, the water method approved by agricultural colleges and nurseries, now available for home use. Equipped with regular hose connection for attaching to hose or pipe. Prices: No. 1, 18-ft., \$1.90; 30-ft., \$2.90.



**Wayward Vine Guide.** For training and supporting Ivy and other vines on brick and concrete surfaces. Will not mar or deface. Gray, white and red. Box of 25, \$1.00.

**Sprayers.** 1-qt. tin tank, continuous. Each \$1.00.

1-qt. galvanized tank, continuous. Each \$1.35.

3½ gal. galvanized compressed air. Each \$7.25.

**Garden Trowel.** A sturdy durable trowel made from heavy gauge pressed metal. Each 40c.

# Annual Flower Seeds

**Ageratum.** Imperial Dwarf Blue. Pkt., 15c;  $\frac{1}{8}$  oz., 40c;  $\frac{1}{4}$  oz., 70c.

**Sweet Alyssum (Maritimum).** Its compact habit makes it desirable for borders and hanging baskets. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c.

**Little Gem.** Grows 4 to 5 inches tall. Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**ASTERS—American Beauty.** Wilt resistant. Flowers globular, fully double, with pretty incurved petals. Pkt., 15c;  $\frac{1}{8}$  oz., 35c.

**Crimson**  
**Dark Lavender**  
**Mixed**

**Shell Pink**  
**Purple**

**Rose**  
**White**

**California Giant Double.** Mixed. Pkt., 15c;  $\frac{1}{8}$  oz., 50c.

**California Sunshine.** Mixed. Distinct from all other asters. Has cushion center and outer petals twisted and curled. Pkt., 25c.

**Crego Giant.** Mixed. Very large flowers with long, ribbonlike, gracefully curled and twisted petals. Mid-season. Pkt., 15c;  $\frac{1}{8}$  oz., 35c.

**Queen of the Market.** Mixed. Valuable for bedding. Flowers well rounded and fully double. Early. Pkt., 15c;  $\frac{1}{4}$  oz., 35c.

**Balsam.** Lady Slipper. Double Camellia Flowered. All colors mixed. Pkt., 10c.

**Calendula.** Lemon Queen. Pkt., 10c;  $\frac{1}{2}$  oz., 30c.

**Orange King.** Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

**Mixed.** Pkt., 10c;  $\frac{1}{2}$  oz., 25c.

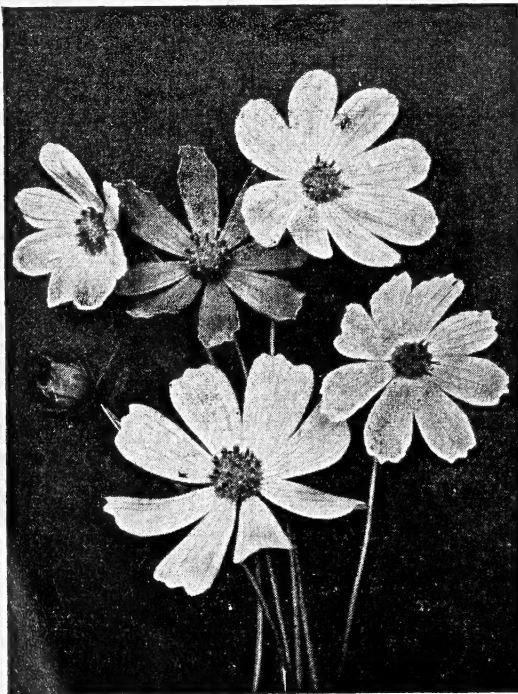
**Calliopsis.** Dwarf. Mixed. Pkt., 10c.

**Candytuft (Iberis).** A superb edging plant 1 foot high. Good for cut flowers. Pkt., 10c.

**Giant Hyacinth-flowered.** Pure white. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Castor Bean (Ricinus).** Valued for its rapid growth and ornamental foliage. Pkt., 10c; oz., 20c.

**Celosia.** Cockscomb. Large, pointed heads of brilliant color. Tall Mixed. Pkt., 10c;  $\frac{1}{2}$  oz., 25c.



Cosmos

**COSMOS—Early-flowering Single Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Early-flowering Double Mixed.** Pkt., 15c;  $\frac{1}{4}$  oz., 75c.

**Orange Flare.** Pkt., 10c;  $\frac{1}{8}$  oz., 30c.

**Late Single Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Sensation Mixed.** Pkt., 15c.

**Centaurea.** Double Cornflower. For garden decorations or for cut flowers.

**Blue Boy Red Boy Snow Man Mixed**

Any of the above varieties, pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**Clarkia.** Blooms in five to six weeks from seed. Good for mass planting. Mixed pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**Cynoglossum.** Chinese Forget-Me-Not. Pkt., 10c.

**Cypress Vine.** Slender climber having fine cut leaves and thickly starred with brightly colored flowers. Pkt., 10c;  $\frac{1}{4}$  oz., 20c.

**Daisy.** African.

**Blue-eyed (Arctotis Grandis).** White petals and sky-blue eyes. Pkt., 10c.

**Dianthus.** Old-fashioned Pinks.

**Fordhook Favorite Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

**Eschscholtzia.** California Poppy. Blooms from mid-summer until frost.

**Flambeau.** Semi-double scarlet-orange. Pkt., 15c.

**Sunlight.** Bright, deep yellow. Pkt., 10c.

**Sunset Mixture.** Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Forget-Me-Not. (Myosotis).** Highly prized for beds, borders and rock gardens.

**Alpestris.** Indigo blue. Pkt., 15c.

**Four O'Clock.** Marvel of Peru. Excellent for planting alongside the house.

**Tom Thumb Mixed.** Pkt., 10c; oz., 35c.

**Gaillardia.** Fine for cutting and for annual borders.

**Single Fine Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Double Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 40c.

**Godetia. (Satin Flower).** Attractive bushy plants for cool moist soil in semi-shade. All colors mixed, pkt., 10c.

**Gourds.** Often grow 20 to 30 ft. high. Plant seed where vines are to grow.

**Spoon** **Nest-Egg** **Dipper**  
**Dishcloth** **Sugar-Trough** **Fine Mixed**

Any of the above, pkt., 10c.

**Gypsophila.** Baby's Breath. Fine for bunching with other flowers. White. Pkt., 10c.

**Kochia.** Burning Bush. Also known as Summer Cypress. Pkt., 10c.

**LARKSPUR—Tall Branching Double Stock-flowered.**

**Carmine** **Dark Blue** **Sky Blue**  
**Pink** **Lavender** **White**  
**Rose** **Salmon Pink** **Mixed**

Any of the above varieties, pkt., 10c;  $\frac{1}{4}$  oz., 35c.

**Lobelia.** Easily grown. Fine for beds, borders and rock gardens. Mixed, pkt., 10c.

**MARIGOLDS—Burpee Gold.** (Odorless foliage). Sweet-scented flowers. Carnation-like flowers are of a bright orange color. Pkt., 15c.

**Crown of Gold.** Brilliant orange-gold flowers of pleasing fragrance with "odorless foliage." Pkt., 10c.

**Guinea Gold.** Brilliant orange carnation-like flowers flushed with gold. Pkt., 10c.

**Harmony.** Beautiful two-toned flowers on dwarf plants. Pkt., 15c.

**Lemon Ball.** Tall African Marigold. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Orange Ball.** Enormous, double. Pkt., 10c;  $\frac{1}{4}$  oz., 30c.

**Yellow Supreme.** Tall plants with large flowers of brilliant lemon yellow. Pleasing fragrance. Pkt., 10c;  $\frac{1}{8}$  oz., 25c.

**Double African Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Double Dwarf French Mixed.** Pkt., 10c;  $\frac{1}{4}$  oz., 25c.

**Mignonette.** Grown for its fragrance. Pkt., 10c.

**Moonflower.** Giant White. Pkt., 10c;  $\frac{1}{2}$  oz., 35c.

**Morning Glories.** Heavenly Blue. Large bright sky-blue flowers with white throats. Pkt., 15c;  $\frac{1}{4}$  oz., 35c.

**Pearly Gates.** Enormous flowers of clear, shining white. Pkt., 15c.

**Scarlett O'Hara.** Bright rosy red. Pkt., 15c;  $\frac{1}{4}$  oz., 35c.

**NASTURTIUMS**—Seed may be sown as soon as the ground is warm, preferably in rather poor soil. The seed will rot in wet, cold ground. If the ground is too rich, the growth will go to leaves, with fewer flowers.

**Tall Mixed.** Pkt., 10c; oz., 30c.

**Dwarf Single Mixed.** Pkt., 10c; oz., 30c.

**Golden Gleam.** Double and sweet-scented. Pkt., 10c; oz., 35c.

**Scarlet Gleam.** Sweet-scented double blooms of dazzling orange-scarlet. Pkt., 10c; oz., 30c.

**Gleam Hybrids.** Mixed. Pkt., 10c; oz., 30c.

**Nicotiana.** Flowering Tobacco. Pkt., 10c.

**Nigella.** Love-in-a-Mist. Old-fashioned blue annual. Pkt., 10c.

**PETUNIAS**—**Elk's Purple.** Large, deep violet-purple flowers. Pkt., 25c.

**Hybrid Bedding Mixed.** A fine mixture of spreading Petunias. Pkt., 10c; 1/8 oz., 35c.

**Pink Gem.** Lovely light pink flowers borne on neat miniature plants, 6 in. across. Pkt., 15c.

**Rose of Heaven.** Pkt., 10c; 1/8 oz., 40c.

**Rosy Morn.** Pkt., 15c; 1/8 oz., 50c.

**Balcony Petunias.** Especially useful in beds, borders or for porch boxes. Large flowers.

**Balcony Rose Balcony Blue Balcony White**

Any of the above, pkt., 15c; 1/16 oz., 60c.

**Balcony Mixed.** Pkt., 15c; 1/16 oz., 50c.

**Phlox.** Finest Mixed. Pkt., 15c; 1/8 oz., 75c.

**Dwarf Compact Mixed.** Pkt., 15c; 1/8 oz., 75c.

**Poppies.** Improved Shirley. Large, silky petals. All colors. Pkt., 10c; 1/4 oz., 25c.

**Pansies.** Giant Trimardeau. Flowers are large on stiff stems. Pkt., 15c.

**Portulaca (Rose Moss).** Nothing can excel Portulaca for low borders, edging or ground cover.

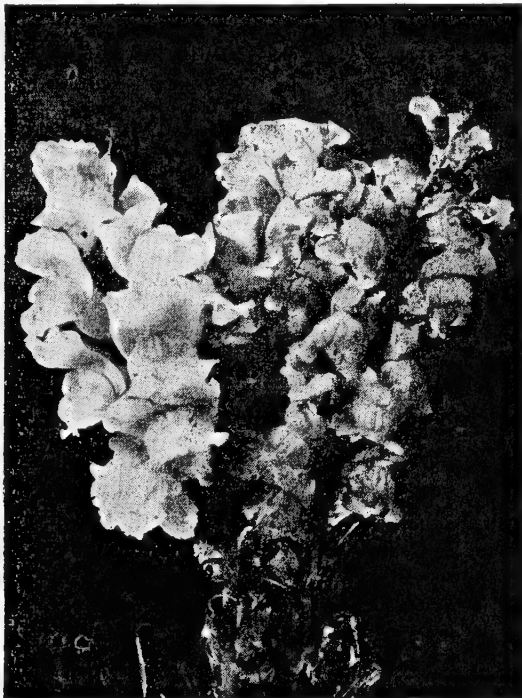
**Single Flowered Mixed.** Pkt., 10c; 1/8 oz., 60c.

**Double Large Flowered Mixed.** Pkt., 15c; 1/16 oz., 60c.

**Salvia.** Scarlet Sage. Blooms in fall.

**Splendens.** Pkt., 15c; 1/8 oz., 50c.

**Zurich.** Dwarf compact plants. Pkt., 20c.



Snapdragon

**Snapdragon.** Jennie Schneider. Half-dwarf, large flowers. Pleasing shade of pink. Pkt., 15c.

**Half-dwarf Fancy Mixed.** Rust-resistant. Pkt., 10c; 1/8 oz., 45c.

**Giant Mixed.** Pkt., 10c.

**Stock.** Ten-Weeks. Dwarf Mixed. Pkt., 10c.

**SCABIOSA—MOURNING BRIDE**—An excellent annual. Does well in limestone soil and likes plenty of sun. Pkt., 10c; 1/4 oz., 30c.

**Peach Blossom Azure Fairy Double White Double Red Double Black**

**Double Mixed.** Pkt., 10c; 1/4 oz., 30c.

**Sunflower.** Double Chrysanthemum Flowered. Pkt., 10c.

**Mammoth Russian.** Pkt., 10c.

**Strawflower Helichrysum.** Mixed. Pkt., 10c.

**SPENCER SWEET PEAS**—Sweet Peas may be planted in well-prepared trenches from November through March. A sunny location should be selected and the soil should have a liberal application of shredded cow manure and bone meal.

**White Lavender**

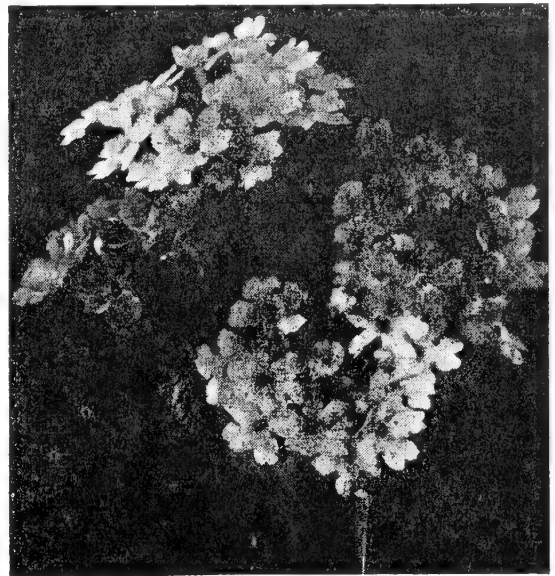
**Pink Rose-pink Blue**

**Scarlet Salmon Pink Orange**

Any of the above colors, pkt., 15c; oz., 50c. Mixed. Pkt., 10c; oz., 35c.

**Thunbergia.** Black-eye Susan. Graceful climber for baskets and boxes. Pkt., 10c.

**Tithonia (Mexican Sunflower).** Orange-scarlet flowers, 3 to 4 in. across, on tall plants with heavy foliage. Fine for fall cutting. Pkt., 15c.



Verbena

**Verbenas.** New Giant Mixed. Pkt., 15c.

**Venidium (Fastuosum Hybrids).** Brilliant flowers of buff yellow and orange. An excellent cut flower. Pkt., 25c.

**Vinca.** Periwinkle. Rose and white. Mixed. Pkt., 10c.

#### GIANTS OF CALIFORNIA ZINNIAS

**Daffodil (canary yellow)**

**Purity (white)**

**Miss Willmott (pink)**

**Rose Queen (clear rose)**

**Orange King (orange-scarlet)**

**Scarlet King (scarlet)**

**Mixed.**

Any of the above, pkt., 15c; 1/8 oz., 35c.

#### GIANT DAHLIA-FLOWERED ZINNIAS

**Canary Bird.** Primrose-yellow

**Maiden's Blush.** Shell-pink.

**Deam.** Deep lavender.

**Old Gold.** Rich shade.

**Exquisite.** Light rose.

**Oriole.** Orange and gold.

**Illumination.** Tyrian

**Polar Bear.** Best white.

**rose.**

**Will Rogers.** Scarlet-red.

**Mixed Colors.**

Any of the above, pkt., 15c; 1/8 oz., 35c.

**Lilliput, Baby or Pompon Zinnias.** They have unusual value as cut flowers, lending themselves well to arrangement in basket or bowl.

**Golden Gem Lilac Gem Scarlet Gem White Gem**

Any of the above, pkt., 10c; 1/4 oz., 35c.

**Mixed Colors.** Pkt., 10c; 1/4 oz., 30c.

**Cut and Come Again Zinnias.** Fully double flowers, about 2 1/2 in. across, freely produced on long stems. Mixed. Pkt., 10c; 1/4 oz., 25c.

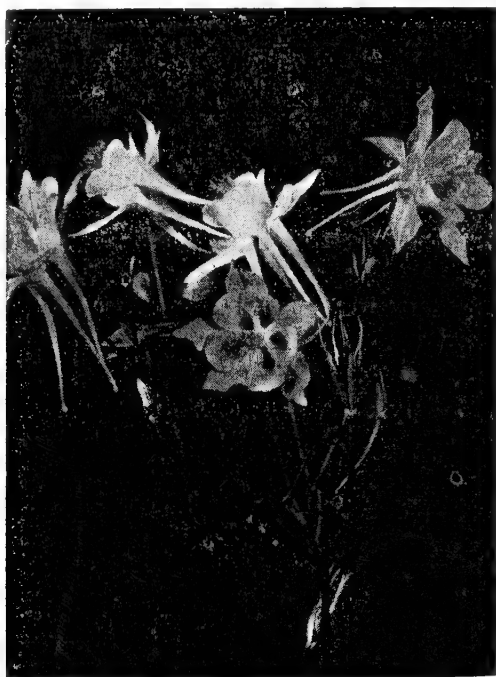
**Fantasy Zinnia.** Mixed Colors. Pkt., 10c; 1/4 oz., 30c.



# Perennial Flower Seeds

**Alyssum Saxatile Compactum** (Gold Dust). Dwarf. Pkt., 10c; ¼ oz., 35c.

**Aquilegia** (Columbine). Long-spurred hybrids mixed. Pkt., 15c; ½ oz., 60c.



**Aquilegia (Columbine)**

**Anchusa**. Italica Dropmore. Rich blue. Pkt., 10c; ¼ oz., 25c.

**Arabis** (Rock Cress). Showy dwarf, spreading border and rock garden plant.

**Alpina**. Pure white. Pkt., 10c; ¼ oz., 30c.

**Aubrietia**. A splendid plant for the rockery. Rosy-lilac flowers over a mass of foliage. Pkt., 20c.

**Campanula**. Canterbury Bell. Most useful and beautiful subject for the garden. Succeeds in any good, well-drained soil.

**Single Mixed**. Bell-like blooms with edges softly rolled back. Pkt., 10c; ¼ oz., 30c.

**Cup-and-Saucer Mixed**. Pkt., 10c; ½ oz., 40c.

**Carnation**. Chabaud's Giant Improved Mixed. Pkt., 15c.

**Cherianthus**. (Siberian Wallflower). Best grown as a biennial. Often blooms the first year from seed.

**Allionii**. Sweet-scented brilliant orange-yellow flowers on stems 1 foot high. Pkt., 10c; ¼ oz., 25c.

**Chinese Lantern** (Physalis Franchetii). Largely grown for its scarlet-red, lantern-shaped fruits which, when dried, are widely used for winter bouquets. Pkt., 10c; ¼ oz., 35c.

**Coreopsis**. Long-stemmed yellow flowers all summer. Pkt., 10c; ¼ oz., 25c.

## Delphinium

**Belladonna**. Large, single flowers of turquoise-blue. Pkt., 15c; 1/16 oz., 30c.

**Bellamosum**. Deep gentian-blue. Pkt., 15c; 1/16 oz., 30c.

**Dianthus** (Hardy Pink). Brilliantly colored flowers for beds or borders. Succeeds in all soils.

**Plumarius**, Single Mixed. Pkt., 10c; ¼ oz., 35c.

**Sweet Wivelsfield**. Fine cut flower of lasting quality. Pkt., 15c.

**Digitalis** (Foxglove). Giant mixed. Pkt., 10c; ½ oz., 25c.

**Gaillardia**. Yellow and red flowers borne profusely throughout the summer. Pkt., 10c; ¼ oz., 25c.

**Geum**.

**Lady Stratheden**. Golden yellow blossoms. Pkt., 20c.

**Mrs. Bradshaw**. Double orange-scarlet flowers. Pkt., 15c.

**Gypsophila**. (Perennial Baby's Breath). Paniculata. Single. Pkt., 10c; ¼ oz., 25c.

## Hollyhock

**Double**.

**Newport Pink** **White** **Yellow** **Crimson**

Any of the above, pkt., 10c; ½ oz., 35c.

**Mixed**. Pkt., 10c ½ oz., 30c.

**Single Mixed**. Pkt., 10c; ¼ oz., 35c.

**Iberis** (Perennial Candytuft). Sempervirens. A favorite dwarf plant for edging or rock gardens. White. Pkt., 10c; ½ oz., 50c.

**Lathyrus** (Perennial Sweet Pea). Quite hardy. Mixed. Pkt., 10c.

**Linum**. (Perennial Flax).

**Perenne**. Blue. Light blue flowers in great profusion. Pkt., 10c.

**Saponaria**. Ocymoides Splendens. 6 in. A showy dwarf trailing plant, producing a sheet of vivid crimson flowers. Pkt., 10c.

**Shasta Daisy**. Alaska. Large white single flowers with small yellow centers. Pkt., 10c; ½ oz., 35c.

**Sweet William** (Dianthus Barbatus).

**Newport Pink**. Pkt., 10c; ½ oz., 40c.

**Single Mixed**. Pkt., 10c; ¼ oz., 25c.

**Double Mixed**. Pkt., 10c; ½ oz., 25c.

**Tritoma** (Red Hot Poker). Tall spikes topped by narrow tubular, pale yellow to orange-red flowers.

**Early Hybrids Mixed**. Pkt., 15c.



**Semesan**. A seed and plant disinfectant. Possesses remarkable properties for sterilizing seeds, bulbs, roots, and corms. Prevents "damping off" of seedlings and cuttings and controls other fungous diseases and canker, black spot of roses and mildew and rust. 1/3 oz. packet, 10 cents; 2 oz., 40 cents; 1 lb., \$2.50.

**WHEN GLADIOLUS BULBS** are ready for storage in the fall, a sprinkle of Naphthalene flakes will destroy any thrips that might be present.

# Hardy Perennial Plants

**Aquilegia** (Columbine). \*Mrs. Scott Elliott Hybrids. \*Dobbie Imperial Hybrid.

**Alyssum**. Basket of Gold.

\*Saxatile compactum. Early-flowering perennial suitable for rock wall and rock gardens.

**Anchusa**. \*Italica Dropmore. Tall spikes of beautiful blue flowers suitable for borders. 3 to 4 feet.

**Arabis**. \*Alpina. Pure white flowers suitable for edgings to beds and borders. Also fine for rockeries.

**Campanula**. (Canterbury Bells).

\*Medium Single Blue.

\*Medium Single Mixed.

\*Calycanthema (Cup and Saucer) Mixed.

**Carnation**. \*Hardy Mixed.

**Cerastium Tomentosum**. \*Snow-in-Summer. Low growing perennial with silvery white foliage and white flowers. Especially suitable for rockeries.

**CHRYSANTHEMUMS**. (Ready for Delivery May 15th).

\*Avalanche. Magnificent double white. 45c each.

\*Burgundy. Rare port-red with texture of velvet.

\*Ember. Luminous coral-bronze.

\*Eugene A. Wander. Brilliant golden yellow. Large. 40c each.

\*Granny Scovill. Huge coral-bronze.

\*Jean Treadway. Soft pink with rose center.

\*Judith Anderson. Pure yellow button.

\*Lavender Lady. A lovely, large true lavender. 40c each.

\*R. Marion Hatton. Bright canary yellow.

\*Symphony. Mauve-rose overcast coppery rose. Large. 40c each.

\*Cushion Mums (Dwarf). Bronze, pink, red and white.

\*Spoon Family. White and yellow.

**SINGLE KOREAN**—\*Autumn Light. Brilliant bronze.

\*Daphne. Beautiful old rose.

\*Louise Schling. Fine red, maturing salmon-red.

\*Venus. A lovely orchid-pink.

\*Coreopsis. Long-stemmed yellow flowers all summer.

\*Delphinium. Hardy Larkspur.

\*Belladonna. Popular light blue.

\*Bellamosum. Deep blue.

\*English Hybrids. Superb English Delphinium. 40c each; \$4.20 per dozen.

**Dianthus**. Garden Pinks.

\*Plumarius. Double Mixed.

**Dicentra**. Bleeding Heart.

\*Eximia. Fine dwarf for rock gardens. Blooms all summer.

\*Spectabilis. An old-fashioned favorite, at home in sun or shade. 60c each.

**Digitalis**. Foxglove. \*Mixed.

**Echinacea**. Purple Coneflower.

**Echinops**. Globe Thistle.

\*Ritro. An excellent specimen for border. Good for cutting. Holds color when dried. Blue.

**Funkia**. Hosta.

\*Subcordata Grandiflora. White August lily. 60c each.

\*Gaillardia. (Blanket Flower). Yellow and red flowers borne profusely throughout the summer.

**Gypsophila**. (Baby Breath).

\*Bristol Fairy. Small, double, white blooms borne profusely during the summer. 50c each.

**HEMEROCALIS**. Lemon Lilies.

**Aurantiaca**. Rich orange-yellow. Strong grower. 30c each.

**Hyperion**. Waxy Yellow. Good. July. 60c each.

**J. A. Crawford**. Rich apricot-yellow, shaded light cadmium. June. 35c each.

**Mrs. W. H. Wyman**. Lovely light pale yellow. August. 60c each.

**The Gem**. Rich deep orange-yellow. July. 35c each.

**Heuchera**. Coralbell.

\*Pluie de Feu. Lovely coral-red. 40c each.

\*Rosemundi. Pink. 40c each.

**Hollyhock**. \*Double mixed.

**Iberis**. Hardy Candytuft.

\*Sempervirens. Good for borders and rockeries. White.

\*Linum. Perennial Flax. Blue.

**PHLOX Decussata**—\*Africa. Carmine-red with blood red eye.

\*Beacon. Clear cherry red.

\*Daily Sketch. Light salmon-pink with crimson-rose eye.

\*George Stipp. Deep glowing salmon with shaded lighter eye.

\*Mount Hood. Enormous pure white.

\*Leo Schlageter. Brilliant scarlet.

\*Miss Lingard. The best early white.

\*Struthers Improved. Large, bright carmine-pink.

\*Thor. Deep Salmon with carmine mark.

\*Phlox Subulata (Creeping Phlox). Pink and white.

\*Physostegia. (False Dragonhead).

Vivid. Late dwarf pink.

\*Platycodon (Chinese Bellflower). Very satisfactory for sunny borders. Giant Blue.

**Plumbago**. Leadwort.

\*Larpenae. One of the most desirable border and rock plants. Covered with blue flowers during late summer and fall.

\*Pyrethrum (Painted Daisy). Mixed.

**Shasta Daisy**.

\*Alaska. Large glistening white blossoms.

\*Mrs. C. L. Bell. Very large flower. Pure white.

\*J. Vaughan. Nice large blossom. Late.

**Sweet William**. Dianthus Barbatus.

\*Newport Pink. Rich salmon pink.

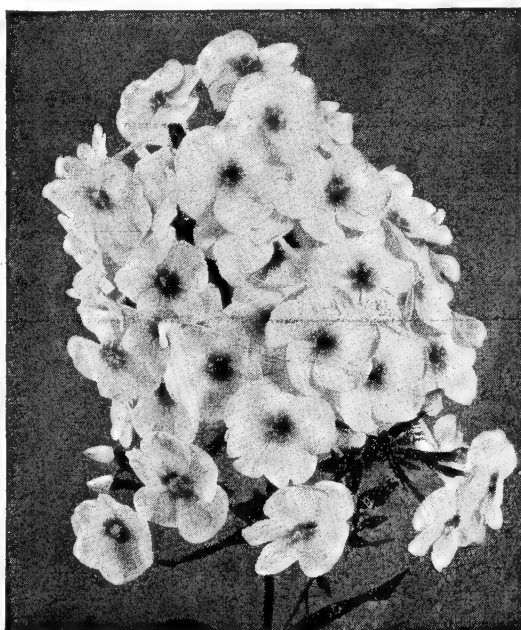
\*Mixed.

**Prices**: The above Perennials are 35c each; \$3.60 a dozen, unless otherwise noted.

\*Plants are in pots.

## Orders for Perennials

should be placed in advance, as we cannot keep these items at our downtown store.



Hardy Phlox

# Roses

The roses we offer for the season of 1945 are of the same sturdy stock and high quality and produced by the same growers as those offered heretofore. Due to the prevailing conditions of labor and transportation, we will not pot our roses in earth, but will deliver plants to our customers Bare Root. We urge our customers to place orders early to be sure of getting the desired varieties. Weather permitting, deliveries will be made early in March. Upon arrival, roses should be planted immediately or "heeled in" deep until they can be properly planted. Under no circumstance should plants be kept in a warm, dry place.

Prices: 80 cents each; \$8.50 per dozen.



**Autumn.** H. T. Vigorous and upright. Double blooms of orange yellow and red.

**Betty Uprichard.** H. T. Delicate salmon-pink flowers with a suggestion of carmine. Fragrant. Its popularity as a pink rose is well deserved.

**Caledonia.** H. T. A desirable white. Long pointed bud opening to a very double, long lasting, moderately fragrant flower.

**Condesa DeSastago.** H. T. Reddish copper inside with rich gold reverse. The striking flowers are borne on vigorous branching plants. An unusual rose which is sure to make many friends.

**Director Rubio.** H. T. Bright cochineal red flower on strong stems.

**Duquesa De Penaranda.** H. T. A beautiful flower described as cinnamon-peach or copper-apricot. The fragrant flowers are held on strong, upright growth, making it a splendid variety for cutting.

**Editor McFarland.** H. T. Deep pink. Long buds on firm erect stems.

**Etoile de Hollande.** H. T. We consider this the best red rose. The flowers are fragrant, large and beautiful. The canes are strong and the foliage healthy.

**Mme. Joseph Perraud.** H. T. Long, slender buds of nasturtium-orange opening to pink buff. Rare fragrance. An excellent flower for cutting or exhibition.

**Mrs. Pierre S. Du Pont.** H. T. Deep golden yellow. Long pointed bud. Fragrant.

**Picture.** H. T. Warm pink, undertones of salmon; strong and vigorous.

**President Herbert Hoover.** H. T. Flame, scarlet and yellow. As a garden rose, it is far superior to Talisman.

**Radiance.** H. T. Well-known globular flowers of rose-pink.

**Red Radiance.** H. T. Rose-red flower borne on strong stem.

**Sister Therese.** H. T. Golden daffodil-yellow flowers on sturdy long canes.

## Climbing Rose

**Paul's Scarlet Climber.** H. W. Intense scarlet flowers. Very popular.

**Talisman.** Cl. H. T. Golden yellow and copper.

## Care of Roses

**Planting.** It should be borne in mind that roses will do much better in well-drained clay soil with plenty of sun. The plants should be set out as soon as received. The rose beds should be so planned that they will be at least three feet wide, but never more than six feet in width. Holes to receive plants should be dug at least fifteen inches deep and equally as wide, so that the roots may be spread easily. Well-seasoned cow manure and a little bone meal may be incorporated with the soil. Fill in earth and pack firmly so as to leave no air pockets. The juncture of the root stock and stems should be just beneath the surface. Newly-planted roses should be well watered. We recommend placing Hybrid Tea Rose bushes eighteen inches apart. A little crowding makes for longer and straighter stems.

**Pruning.** For best results the Hybrid Teas should be cut back to about six or eight inches, leaving an outside bud at the top of the cane. Climbing roses bloom on canes of the previous season's growth, hence the old wood should be cut out each year.

**Fertilizing.** A handful of bone meal and a four-inch pot full of sheep manure should be worked into the surface soil. This will insure luxuriant growth, good stems and flowers of splendid substance.

**Winter Protection.** In late fall or early winter, earth should be heaped over the crowns to a depth of at least ten inches. If available, cow manure should be placed around the mounds. This hilling up process will protect the bushes against the drying action of winter winds, frost, and sun.

About the last week in March the winter covering should be removed, fertilizer applied and the bed raked off smooth.

**Summer Care.** A top dressing of peat moss not only gives the rose bed a neat appearance, but causes better growth by conserving moisture and keeping down weeds. Grass clippings may be used instead of peat moss. If no mulch is used, keep the top soil pulverized with a sharp rake. After every rain, the crust should be broken up as soon as the ground is mellow enough to work.

Insects and disease will inevitably do much damage unless preventative measures are taken. Dust thoroughly once a week with Massey dust or spray with a combination of Bordeaux Mixture and Arsenate of Lead. When plant lice appear, spray thoroughly with Black Leaf 40.



# Bulbs

## Gladiolus

	Doz.
<b>Beacon.</b> Rose red, cream blotch.....	\$1.10
<b>Bit O'Heaven.</b> Bright orange. Good.....	1.00
<b>Charles Dickens.</b> The best violet-purple.....	1.00
<b>Flaming Sword.</b> Brick-red.....	.90
<b>Gates of Heaven.</b> Beautiful ruffled rich yellow .....	1.00
<b>Golden Frills.</b> Ruffled daffodil-yellow.....	1.00
<b>Maid of Orleans.</b> Excellent white, cream throat .....	1.00
<b>Margaret Fulton.</b> Clear coral-pink.....	1.00
<b>Minuet.</b> Clear lavender. Good.....	1.00
<b>Picardy.</b> The finest salmon-pink.....	1.00
<b>Red Phipps.</b> Bright red. Huge.....	1.00
<b>Shirley Temple.</b> Immense ruffled cream.....	1.00
<b>W. H. Phipps.</b> Clear pink.....	1.00
<b>Mixed.</b> Dozen, \$0.90; 100 for \$7.00.	

## Summer Hyacinth

**Hyacinthus Candicans.** Vigorous growth. Flowers are pure white and pendulous, 4 feet high. Each 10c; \$1.00 per dozen.

## Cannas

**Hungaria.** Best pink Canna.  
**King Humbert.** Immense orange-scarlet flowers. Foliage bronze. Height 4 to 5 ft.  
**The President.** Most popular red. Immense flowers of glowing color. Height 5 ft.  
**Yellow King Humbert.** Flowers bright yellow, with contrasting crimson dots. Height 4½ ft.  
 Any of the above Cannas, 15c each, dozen \$1.50.

## Tuberous-rooted Begonias

(Camellia Flowered)

Excellent for porch boxes in shade or borders with very little sun.

**Salmon**      **rose**      **scarlet**      **yellow**      **white**  
 Each 35c; dozen \$3.50.

## Tuberose

**Single Mexican.** Pure white of unusual fragrance. Each 10c; dozen 90c.

## Peruvian Daffodil

**Ismene Calathina.** Showy, lily-like flowers, easily grown, not hardy. 20c each, 12 for \$2.00.

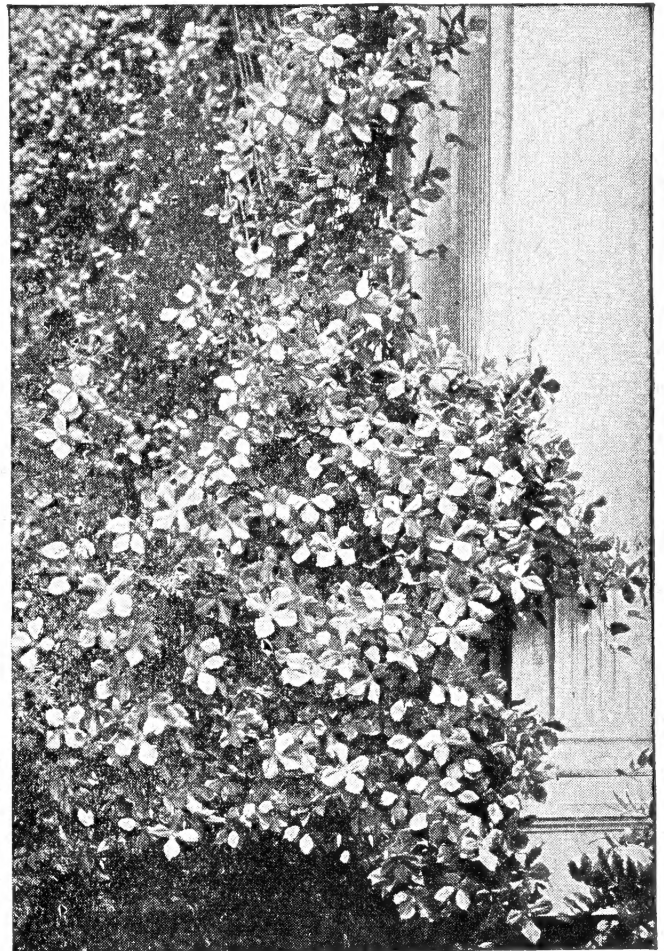
## Lilies

**Regale.** Large, fragrant, white blossoms with yellow centers. 40c each; \$4.20 dozen.

## Hardy Vines

**Clematis Paniculata.** Sweet-scented white blooms. Best hardy vine for porch shade. Each 50c, 2 for 90c.

**Polygonum Auberti (Silver Lace Vine).** A rampant grower with an abundance of white flowers in late summer. Each 75c.



**Clematis Jackmani**

## Clematis

Large-flowered

Those who admire the purple Jackmani will be delighted with the large-flowered varieties which we list below. These vines will flourish in a rich, well-drained, sandy loam. They are partial to lime and relish generous applications of water during dry weather. Bone meal and well-rotted cow manure should be thoroughly mixed with soil when planted. The vines should be tied firmly to a suitable support to prevent injury by wind.

**Henryi.** Large white flowers 6 to 7 inches across. Each 85c.

**Jackmani.** The popular purple-blue variety. Each 80c.

**Lawsoniana.** Large flowers of blue flushed mauve. Each \$1.00.

**Mme. Baron Veillard.** Warm lilac-rose. Each 85c.

**Mme. Edw. Andre.** Popular red. Each 85c.

# Insect Destroyers and Fungicides

## SPRAYING

## ACME

## MATERIALS

**Arsenate of Lead (Dry).** Efficient against leaf-eating insects. May be applied as a dust or in liquid form. For all purposes, use 1 to 1½ pounds to 50 gallons of water, or one teaspoonful to 1 gallon. When using on trees and plants of tender foliage, add 2 pounds of lime to each 50 gallons of water. 1 lb., 35c; 4 lbs., 75c.

**Black-Leaf 40.** A highly concentrated solution of Nicotine Sulphate. 1-oz. bottle, 36c; 5 ozs., \$1.05; 1 lb. \$2.42.



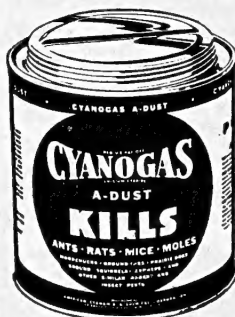
**Bordeaux Mixture (Dry).** Used against blight, mildew, black-rot, leaf-spot, and other fungous diseases. Do not use on peach or Japanese plum. Lb., 35c; 4 lbs., 75c.

**Calcium Arsenate.** Use for the control of Mexican bean beetle. Mix with water for potatoes, tomatoes and other vegetables. 1-lb. carton, 25c.

**Chaperone Liquid Dog Repellent.** For outdoor and garden use. 4-oz. bottle, 50c.

**Cyanogas "A" Fumigant (Calcium Cyanide).** Destroys moles, rats, moths, fleas, and greenhouse insects. Directions with each package. 4 ozs., 30c; ½ lb., 45c; 1 lb., 75c; 5 lbs., \$3.00.

**Du Pont's Ammate.** Weed killer for poison ivy, poison oak, poison sumac and certain other weeds. 2-lb. jar, 75c.



**Chaperone for Rabbits.** Spray it around the border of your garden. Rabbits won't like the odor. 4-oz. bottle, 50c; 12-oz. bottle, \$1.00.



**Dogzoff.** Protects evergreens against damage by dogs. Bottle, 60c.

**Fish-oil Soap.** Used against many sucking insects. A spreader for nicotine sulphate and other sprays. Lb., 35c.

**Floralife.** 3 to 5 days more life for your cut flowers. Floralife keeps cut flowers garden-fresh in warm, dry air of the average home. 1 qt. size, 10c; 30 qts., \$1.00.

**Fruitone.** The hormone spray. Stops premature drop of flowers, fruit, and leaves. 2½-oz. pkt., 25c; 2-oz. can, \$1.00.

**Fungtrogen.** The spray for controlling Mildew and Black Spot on Roses. ½ pt., 75c; 1 pt., \$1.25.

# Kryocide

REG. U. S. PAT. OFF.

## NATURAL CRYOLITE

**Kryocide.** Highly effective in controlling many chewing insects. Can be used as a dust or spray. 1 lb., 35c.

**Lime-Sulphur (Dry).** For control of scale and fungus diseases on fruit trees, vines, shrubs. One pound makes 3 to 5 gallons. 1 lb., 35c; 5 lbs., \$1.50.

**Legume Aid (Seed Inoculant).** Garden Peas, Beans, Lima Beans, and Sweet Peas show increased yield and better blooms if the seed is treated before planting. Garden packet (inoculates up to 5 lbs. of seed), 15c.

**Mole Killer, Force's.** True mole food scent attracts and will positively destroy large number of moles. Kill the breeding stock now before they multiply. 35-pellet package for 25c. 75 pellets for 50c.

**Naphthalene Flakes.** Useful in controlling Giadrolus thrip. Use one ounce to 100 bulbs. 1 lb., 25c.

**Paris Green.** A poisonous insecticide used against leaf-eating worms and beetles. ¼ lb., 20c; 1 lb. 55c.

**Pomo-Green.** An elaboration of the Massey formula, colored green. Sulphur fungicide with arsenate of lead, for dusting roses and other garden plants. 1 lb., 50c.

**Pomo-Green with Nicotine.** An all-around dust or spray for the control of black spot, mildew, chewing and sucking insects. 1 lb., 75c; 5 lbs., \$3.00.

**Pulvex.** Kills fleas, dog ticks and lice. 3 3/5-oz can, 50c.



PYRETHRUM-ROTENONE

## RED ARROW GARDEN SPRAY

HIGHLY CONCENTRATED

**Red Arrow Garden Spray.** Non-poisonous, kills by contact, both chewing and sucking insects. 1 oz., 35c; 4 ozs., \$1.00; 1 pt., \$2.85.

**Rootone.** The hormone powder. For better rooting of cuttings, seeds and bulbs. ¼-oz. packet, 25c; 2-oz. box, \$1.00.



Not Treated

Treated



**Rotecide.** Rotenone Garden Spray. Non-poisonous and harmless to humans. For use on Fruit and Vegetable crops only. 1-oz. bottle, 35c; 8-oz. bottle, \$1.00.

**Rotenone Garden Guard (Acme).** Is very effective, as it acts both as a contact and stomach poison against a wide range of insects. Rotenone products are permitted FOR USE IN FOOD PRODUCTION ONLY. 1-lb. sifter carton, 40c.

**Scalecide.** A dormant spray for fruit trees and ornamental shrubs. Control scale. 1 qt., 75c; 1 gal., \$1.75.

**Semesan Bel.** Dip disinfectant for Seed Potatoes. It may be used on either whole or cut seed pieces. Effectively controls such seed-borne disease organisms as scab, rhizoctonia and blackleg. 2 ozs. treats 6 to 8 bushels. 2-oz. packet, 30c.

**Slug Shot (Hammond's).** A dust insecticide. Lb., 30c; 5 lbs., \$1.20.

**Snarol.** An effective bait for controlling cutworms, grasshoppers, snails, slugs and sow bugs. Not injurious to plants. 1 lb., 25c.

**Sulfocide.** A concentrated liquid sulphur fungicide for fruits, vegetables and flowers. Quart, \$1.00.

**Sulphate of Iron.** A remedy for weeds on lawns, kills dandelions without injury to grass. 1 lb., 15c; 5 lbs., 50c.

**Sulphur Dusting.** For controlling powdery mildew, blight, black spot, red spider, rust and most rose diseases. 1 lb., 15c; 5 lbs., 50c.

**Sulphur Wettable.** An improved form of dusting sulphur which dissolves immediately. 2-lb. sifter top can 35c.

**Vegetable and Flower Dust.** For control of many common varieties of both sucking and leaf-eating insects. 1-lb. sifter carton, 40c.

**Transplantone.** Speeds up root growth and makes stronger plants. 1/2-oz. packet, 25c; 3-oz. box, \$1.00.

**Tree Saver.** For wounds and sun scalds and boring insects. To protect trees from rabbits and field mice. Pint, 40c.

**Tree Tanglefoot.** A paste preparation painted around the trunks to keep caterpillars, etc., from crawling into the tree. 6 ozs., 45c; 1 lb., 85c; 5 lbs., \$3.75.



**Volck.** For use against mealybugs, scale insects, red spiders, and white flies. 4-oz. bottle, 25c; 1-pt., bottle, 50c.

**Zotox.** Controls Crab Grass, Dandelion, Plantain, Buckhorn, Chickweed, Spurge and other common lawn weeds. 3-oz. bottle, \$1.00; 16-oz. bottle, \$1.50.

## Fertilizers

**Adco.** Dry leaves, grass clippings, straw, or any other vegetable refuse mixed with Adco and kept moist makes very good artificial manure. Simple directions with each package. 7 1/2 lbs., \$1.00; 25-lb. bag, (enough for 1/2 ton manure), 2.50.



**Aluminum Sulphate.** For creating acid condition in the soil. 1 lb., 15c; 5 lbs., 50c; 10 lbs., 75c.

**Bone Meal.** Gives lawns that deep green color and is fine for incorporating with potting soil, giving substance to the bloom of flowers. Work into soil around shrubs and hedge plants. 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.25; 50 lbs., \$2.00; 100 lbs., \$3.90.

**Cattle Manure.** (Shredded). Makes a desirable fertilizer for heavy clay or loose, sandy soil. Good for mulching. 25 lbs., \$1.00; 50 lbs., \$1.80; 100 lbs., \$3.00.

**Leaf-mold.** Most useful when mixed with ordinary soil for seed beds, potting soil for ferns, azaleas, petunias and other flowers. Peck, 35c; bushel, \$1.25.

**Lime.** For lawn and garden use. Hydrated. 25 lbs., 45c; 50 lbs., 65c; 100 lbs., \$1.00.

**Limestone.** Ground fine for use on lawns and gardens. Sweetens the soil. Not injurious to seed. 10 lbs., 25c; 25 lbs., 45c; 50 lbs., 65c; 100 lbs., \$1.00.

**Peat Moss.** Ask about prices.

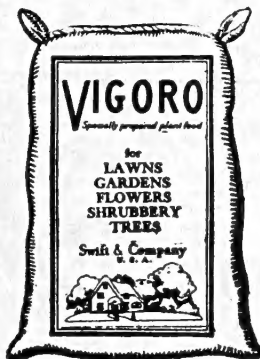
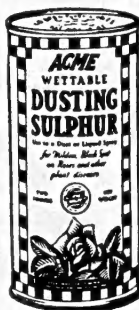
**Pulverized Sheep Manure.** A weedless organic fertilizer for lawns and gardens. 25 lbs., \$1.00; 50 lbs., \$1.80; 100 lbs., \$3.00.

**Super Phosphate.** 5 lbs., 35 cents; 10 lbs., 50 cents; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.50.

**Tobacco Dust.** 5 lbs., 30 cents; 10 lbs., 50 cents; 25 lbs., \$1.25; 50 lbs., \$2.10.

**Vigoro.** For the Lawn and Flower Garden. 5 lbs., 45 cents; 10 lbs., 85 cents; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

**Vigoro.** For Victory Gardens. 5 lbs., 50 cents; 10 lbs., 80 cents; 25 lbs., \$1.45; 50 lbs., \$2.35; 100 lbs., \$3.70.



## TRI-GEN

### The all-purpose spray

Tri-ogen gives complete protection against all plant insects and diseases, including black-spot, mildew, aphid (plant-lice), slug-worms, caterpillars, etc. The stimulating value of Tri-ogen promotes vigor and growth, healthy green foliage, with resulting luxuriant blooms.

Protects for Season

E Kit	4 to 8 roses	\$0.90
A Kit	12 to 20 roses	1.50
B Kit	50 to 80 roses	4.00
C Kit	100 to 160 roses	6.00

### Note

All prices on insecticides are subject to market changes and being unsold.

Prices are F. O. B. Louisville, Ky. If delivery by Parcel Post is wanted, sufficient postage should be added.





**SEEDS**  
**BULBS**  
**PLANTS**

